

## ABSTRACT OF THE DISCLOSURE

Apparatus for processing an ECG signal has a transmitter with an input for receiving the signal. The transmitter also has a processor which separates the signal into first and second signal components and manipulates the first signal component to determine the temporal spacing between consecutive R-peaks in the QRS complex of the signal. The second signal component consists of the ECG signal itself. The apparatus also includes a receiver, to which the transmitter transmits both the manipulated first signal component and the second signal component.